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of Transportation

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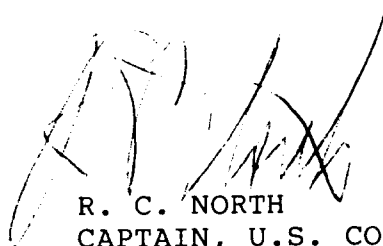
NAVIGATION AND VESSEL INSPECTION CIRCULAR NO. 11-93, CHANGE 1 ADDED

Subj: APPLICABILITY OF TONNAGE MEASUREMENT SYSTEMS TO U.S. FLAG VESSELS

1. PURPOSE This Circular clarifies the applicability of U.S. tonnage measurement systems to various categories of U.S. vessels. These categories depend on vessel type, length, service, and the date when the vessel's keel was laid or the vessel was last substantially altered. This Circular specifically addresses tonnages used for documentation purposes, application of U.S. laws, and application of three International Conventions: Safety of Life at Sea (SOLAS), Standards of Training, Certification and Watchkeeping for Seafarers (STCW), and Prevention of Pollution from Ships (MARPOL).
2. BACKGROUND
  - a. Prior to 1989, the regulatory measurement system was the primary system for measuring U.S. flag vessels. This system has a historical basis, and requires that all closed-in spaces on a vessel be measured and treated according to their use. In 1989, a new U.S. tonnage measurement system, based on the International Convention on Tonnage Measurement of Ships, 1969, became the primary system for measuring vessels with lengths of 24 meters (79 feet) and over. This system, called the convention measurement system, uses total molded volume as its basis, thereby providing a more reliable and consistent gauge of vessel size.
  - b. For certain categories of vessels, measurement under the convention measurement system is mandatory. However, to avoid placing an undue burden on owners of vessels whose tonnages might increase under the convention measurement system, vessel owners have been given the option to use regulatory measurement system tonnages for the application of specific U.S. laws (such as manning, licensing and vessel inspection). In addition, the International Maritime Organization (IMO) passed resolutions which allow vessels in certain categories to retain their regulatory measurement system tonnages for the application of the SOLAS, STCW and MARPOL International Conventions.
3. DISCUSSION The use of two different tonnage measurement systems for both domestic and international purposes has caused confusion concerning tonnage measurement system requirements for U.S. vessels. This Circular is intended to clarify these requirements for U.S. vessels engaged on domestic, foreign, and Great Lakes voyages.

NAVIGATION AND VESSEL INSPECTION CIRCULAR NO. 11-93

4. IMPLEMENTATION The requirements for the application of tonnage measurement systems to U.S. vessels are provided in enclosure (1). Enclosure (1) is based on the requirements of Title 46, United States Code, Subtitle II, Part J as implemented into Title 46, Code of Federal Regulations, Part 69. Definitions of acronyms and terms used in this Circular are provided in enclosure (1).



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Encl: (1) Applicability of Tonnage Measurement Systems to U.S. Flag Vessels

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**APPLICABILITY OF  
TONNAGE MEASUREMENT SYSTEMS  
TO U.S. FLAG VESSELS**

**INSTRUCTIONS FOR THE USE OF THIS ENCLOSURE**

**GENERAL:** This enclosure provides tonnage measurement requirements for U.S. flag vessels. The specific requirements for a given vessel are found in one of the tables of this enclosure. To determine which table applies to a given vessel, use the following instructions:

- 1ST EVALUATE OVERALL LENGTH** Determine whether or not the overall length of the vessel is less than 24 meters (79 feet). Use the definition of overall length found on page 3. If the overall length is less than 24 meters (79 feet), proceed to step 3.
- 2ND EVALUATE CONVENTION LENGTH** Determine whether or not the convention length of the vessel is less than 24 meters (79 feet). Use the definition of convention length found on page 2.
- 3RD DETERMINE PROPULSION CATEGORY** Determine whether the vessel is self-propelled or non-self-propelled.
- 4TH DETERMINE VOYAGE TYPE** Determine the type of voyages the vessel will engage on (i.e., domestic, Great Lakes, or foreign). Use the definitions of the three voyage types found on page 2.
- 5TH SELECT APPLICABLE TABLE FROM INDEX** Based on the parameters determined above, and the following additional parameters (as applicable), select the appropriate table from the index on page 4:
 

**Keel Laid/Substantially Altered Date** Use the definitions of page 3 to determine this date. In a case where a vessel has been substantially altered, use the date when it was most recently substantially altered as the date for entering the index.

**Recreational/Non-Recreational** Use the definition of a recreational vessel found on page 3 to determine whether the vessel is recreational or non-recreational.
- 6TH PROCEED TO APPLICABLE TABLE** Proceed to the table identified in step 5 above for the tonnage measurement system requirements for the subject vessel.

**EXAMPLE** As an example of the use of these instructions, consider a steam propelled containership of conventional design with an overall length of 207.0 meters (679.1 feet) that engages on voyages on both the Great Lakes and between ports in the United States and Europe. The vessel's convention length is 197 meters (646.3 feet). The vessel's keel was laid in 1972, and the vessel was substantially altered in 1989 (in this case, a deckhouse was added).

- 1ST EVALUATE OVERALL LENGTH** The overall length is over 24 meters (79 feet).

- 2ND EVALUATE CONVENTION LENGTH** The convention length is over than 24 meters (79 feet).
- 3RD DETERMINE PROPULSION CATEGORY** The vessel is self-propelled.
- 4TH DETERMINE VOYAGE TYPE** The vessel engages both on Great lakes voyages and foreign voyages.
- 5TH SELECT APPLICABLE TABLE FROM INDEX** Based on overall length over 79 feet, convention length over 79 feet, voyage type of foreign (note that this vessel does not engage on "Great lakes Voyages Only"), and substantially altered date of 1989, the appropriate table for this vessel is table 7.
- 6TH PROCEED TO APPLICABLE TABLE** Proceed to table 7 on page 8 for the tonnage measurement system requirements for the subject vessel.

### DEFINITIONS OF TERMS AND ACRONYMS

The following is a list of definitions of terms and acronyms used in this enclosure. These definitions apply only to the material presented in this enclosure.

**Cargo Vessel-** For the purposes of this enclosure, a cargo vessel is any vessel which carries 12 passengers or less, where a passenger is defined as every person on board the vessel other than: (a) the master and members of the crew or other persons employed or engaged in any capacity on board the vessel in the business of that vessel; and (b) a child under one year of age.

**CFR -** Code of Federal Regulations.

**Convention Measurement System** A U.S. tonnage measurement system that is based on and complies with the requirements of the International Convention on Tonnage Measurement of Ships, 1969. This system uses total molded volume as its basis. This system is not available for measurement of vessels with overall length less than 24 meters (79 feet). Requirements for measurement under this system are detailed in 46 CFR 69, Subpart B.

**Convention Length** Either % percent of the length on a waterline at 85% of the least molded depth measured from the top of the flat keel, or the length from the fore side of the stem to the axis of the rudder stock on that waterline, whichever is greater. In vessels designed with a rake of keel, this length is measured on a waterline parallel to the design waterline.

**Domestic Voyage-** A voyage that is not a foreign voyage or a Great Lakes voyage. For the purposes of this enclosure, if a vessel engages on both domestic and Great Lakes voyages, the requirements for vessels "engaged on domestic voyages only" apply.

**Foreign Voyage-** A voyage involving a vessel: a) arriving at a place under the jurisdiction of the United States from a place in a foreign country; b) making a voyage between places outside of the United States; c) departing from a place under the jurisdiction of the United States for a place in a foreign country; or d) making a voyage between a place within a territory or possession of the United States and another place under the jurisdiction of the United States not within that territory or possession. For the purposes of this enclosure, a Great lakes voyage is not a foreign voyage, even if the vessel stops at a port in Canada.

**Great Lakes Voyage** A voyage on the Great lakes, where the Great lakes are defined as the Great lakes of North America and the St. Lawrence River west of a rhumb line drawn from Cap Des Rosiers to West Point, Anticosti Island, and, on the north side of Anticosti Island, the meridian of longitude 63 degrees west.

**Interim Scheme** A set of requirements established by the International Maritime Organization ([MO) to provide for the transition from tonnages established under existing national tonnage measurement systems to tonnages established under the International Convention on Tonnage Measurement of Ships, 1969, for the application of SOLAS, STCW and MARPOL. The provisions of the interim schemes as they apply to U.S. flag vessels are summarized as follows:

SOLAS Interim Scheme([MO Resolution A.494(XII))) - At the request of the vessel owner, regulatory measurement system tonnages may be used for the application of the provisions of SOLAS for vessels in the following categories:

All vessels with keel laid/substantially altered 31 December 1985 and before.

Cargo vessels under 1600 gross tons (as measured under the regulatory measurement system) with keel laid/substantially altered from 1 January 1986 to 18 July 1994.

In addition, at the request of the vessel owner, all vessels with keel laid/substantially altered 18 July 1994 and before may use regulatory measurement system tonnages for the application of SOLAS radiotelephony station requirements. Refer to [MO Resolution A.49(XII) for details.

STCW Interim Scheme([MO Resolution A. 540(13)) - At the request of the vessel owner, regulatory measurement system tonnages may be used for the application of the provisions of STCW for vessels in the following categories:

All vessels with keel laid/substantially altered 31 December 1985 and before.

Cargo vessels under 1600 gross tons (as measured under the regulatory measurement system) with keel laid/substantially altered from 1 January 1986 to 18 July 1994.

MARPOL Interim Scheme([MO Resolution ~S41(13)) - At the request of the vessel owner, regulatory measurement system tonnages may be used for the application of the provisions of MARPOL for vessels in the following category:

All vessels under 400 gross tons (as measured under the regulatory measurement system) with keel laid/substantially altered 18 July 1994 and before.

**International Tonnage Certificate (1969)**The International Tonnage Certificate (1969) reflects tonnages as determined under the convention measurement system. The certificate is issued by delegated U.S. measurement authorities (currently either the American Bureau of Shipping or Det Norske Veritas) for vessels engaged on foreign voyages at the request of the vessel owner. The certificate must be maintained on board the vessel when it is engaged on a foreign voyage.

**Keel Laid**- Refers to the date a vessels keel was laid or the vessel was at a similar stage of construction.

**Overall Length-** The horizontal distance of the hull between the foremost part of the stem and the aftermost part of the stern, excluding fittings and attachments.

**Recreational Vessel** A vessel: a) being manufactured or operated primarily for pleasure; orb) leased, rented or chartered to another for the latter's pleasure.

**Regulatory Measurement System** A U.S. tonnage measurement system with a historical basis that requires that all closed-in spaces on a vessel be measured and treated according to their use. Prior to 1983, the regulatory measurement system was the only U.S. tonnage system available. Requirements for measurement under this system are detailed in the following Subparts of 46 CFR 69:

- Subpart C - Standard Measurement (formal system with historical basis)
- Subpart D - Dual Tonnage Measurement (formal system based on standard measurement but allowing assignment of two sets of tonnages)
- Subpart E - Simplified Measurement (informal system using principal dimensions furnished by vessel owner)

**Substantially Altered** Refers to the date that a vessel underwent an alteration which the Commandant of the Coast Guard (G-MVI-5) deems to be a substantial alteration. The date used for substantially altered is the date the alterations were commenced For the purposes of this enclosure, there is no difference between a vessel whose keel was laid on a particular date and a vessel that was substantially altered on that same date.

**U.S.C.** - United States Code.

**U.S. Laws-** Laws listed under 46 U.S.C. 14305, which include laws addressing requirements for manning, licensing, navigation safety, and vessel inspection.

**U.S. Tonnage Certificate** The U.S. Tonnage Certificate reflects all measurement systems that a vessel is measured under, and specifies the tonnages used for vessel documentation purposes, application of U.S. laws and application of International Conventions. U.S. Tonnage Certificates are issued by delegated U.S. measurement authorities (currently either the American Bureau of Shipping or Det Norske Veritas). It is highly recommended that the vessel's copy of the U.S. Tonnage Certificate be carried on board at all times to verify the tonnages to be used to apply U.S. laws. Vessels measured using Simplified Measurement (Subpart E) of the regulatory measurement system are not issued a U.S. Tonnage Certificate. The Subpart E tonnages are calculated by the Coast Guard and appear on the Certificate of Documentation.

## INDEX OF TONNAGE MEASUREMENT SYSTEM REQUIREMENTS

Overall Length 24 meters (79 feet) and over <u>and</u> :		
Overall Length less than 24 meters (79 feet)	Convention Length less than 24 meters (79 feet)	Convention Length 24 meters (79 feet) and over

## SELF-PROPELLED VESSELS

Engaged on Domestic Voyages Only with  
Keel Laid/Substantially Altered:

- Before 1 January 1986	Table 1	Table 2	Table 2
- 1 January 1986 and After	Table 1	Table 3	Table 3

## Engaged on Great Lakes Voyages Only:

- Recreational Vessels	Table 1	Table 4	Table 4
- Non-Recreational Vessels	Table 1	Table 2	Table 2

Engaged on Foreign Voyages with Keel  
Laid/Substantially Altered:

- Before 18 July 1982	Table 1	Table 2	Table 5
- 18 July 1982 - 31 December 1985	Table 1	Table 2	Table 6
- 1 January 1986 - 18 July 1994	Table 1	Table 3	Table 7
- 19 July 1994 and After	Table 1	Table 3	Table 8

**NON-SELF-PROPELLED VESSELS**

Engaged on Domestic Voyages Only	Table 1	Table 4	Table 4
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Engaged on Great Lakes Voyages Only	Table 1	Table 4	Table 4
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- Before 18 July 1982	Table 1	Table 4	Table 9
- 18 July 1982 - 31 December 1985	Table 1	Table 4	Table 10
- 1 January 1986 - 18 July 1994	Table 1	Table 4	Table 11
- 19 July 1994 and After	Table 1	Table 4	Table 8

**TABLE 1 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Regulatory (Subpart, D or E)
Documentation	Regulatory measurement system tonnages are used to document the vessel
U.S. Laws	Regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.
International Tonnage Certificate	Not applicable.
International Conventions	Not applicable for vessels engaged on domestic voyages only. For vessels engaged on Great Lakes or foreign voyages, regulatory measurement system tonnages are used to apply all International Conventions.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	Not applicable.

**TABLE 2 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Regulatory measurement system tonnages are used to document the vessel, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to document the vessel, and the vessel may subsequently be redocumented only using convention measurement system tonnages.
U.S. Laws	Regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.

International Tonnage Certificate	Not applicable.
International Conventions	Not applicable for vessels engaged on domestic voyages only. For vessels engaged On Great Lakes or foreign voyages, the same tonnages used to document the vessel are also used to apply all International Conventions.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	Not applicable.

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**TABLE 3 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Convention measurement system tonnages are used to document the vessel, with the exception of a vessel documented before 12 October 1989 using regulatory measurement system tonnages. Such a vessel may continue to be documented using regulatory measurement system tonnages until such a time that it must be remeasured for any reason. At that time, the vessel must be documented using convention measurement system tonnages.
U.S. Laws	Convention measurement system tonnages are used to apply all US. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that regulatory measurement system tonnages be used for this purpose. In this event, regulatory measurement system tonnages are used to apply all US. laws listed under 46 U.S.C. 14305.
International Tonnage Certificate	Not applicable.
International Conventions	Not applicable for vessels engaged on domestic voyages only. For vessels engaged on foreign voyages, the same tonnages used to document the vessel are also used to apply all International Conventions.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	Not applicable.

**TABLE 4 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C, D or E)
Documentation	Regulatory measurement system tonnages are used to document the vessel, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to document the vessel, and the vessel may subsequently be redocumented only using convention measurement system tonnages.
U.S. Laws	Regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C.
International Tonnage Certificate	Not applicable.
International Conventions	Not applicable for vessels engaged on domestic voyages only. For vessels engaged on Great Lakes or foreign voyages, the same tonnages used to document the vessel are also used to apply all International Conventions.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	Not applicable.

**TABLE 5 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Regulatory measurement system tonnages are used to document the vessel, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to document the vessel, and the vessel may

U.S. Laws	subsequently be redocumented only using convention measurement system tonnages. Regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.
International Tonnage Certificate	<b>Before 19 July 1994</b> An International Tonnage Certificate (1%9) is not required.  <b>On and after 19 July 1994</b> An International Tonnage Certificate (1969) is required, and must be maintained on board the vessel when it is engaged on a foreign voyage.
International Conventions	Regulatory measurement system tonnages are used to apply International Conventions, including SOLAS, STCW and MARPOL, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnage are used to apply International Conventions.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	Not applicable.

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**TABLE 6 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Regulatory measurement system tonnages are used to document the vessel, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to document the vessel, and the vessel may subsequently be redocumented only using convention measurement system tonnages.
U.S. Laws	Regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.

International Tonnage Certificate	An International Tonnage Certificate (1969) is required, and must be maintained on board the vessel when it is engaged on a foreign voyage.
International Conventions	Convention measurement system tonnages are used to apply International Conventions, including SOLAS, STCW and MARPOL, unless otherwise allowed by an Interim Scheme.
SOLAS Interim Scheme	The Interim Scheme applies: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of all SOLAS requirements.
STCW Interim Scheme	The Interim Scheme applies: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of <u>SOLAS</u> requirements.
MARPOL Interim Scheme	The Interim Scheme applies only to vessels with regulatory measurement system tonnages less than 400 gross tons: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of all MARPOL requirements for a vessel in this size category.

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**TABLE 7 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Convention measurement system tonnages are used to document the vessel.
U.S. Laws	Convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that regulatory measurement system tonnages be used for this purpose. In this event, regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.
International Tonnage Certificate	An International Tonnage Certificate (1969) is required, and must be maintained on board the vessel when it is engaged on a foreign voyage.
International Conventions	Convention measurement system tonnages are used to apply International Conventions, including SOLAS, STCW and MARPOL, unless otherwise allowed by an Interim Scheme.

SOLAS Interim Scheme (all provisions of SOLAS except Radiotelephony Station Requirements)	The Interim Scheme applies only to cargo vessels with regulatory measurement system tonnages less than 1600 gross tons: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of all SOLAS requirements for a cargo vessel in this size category.
SOLAS Interim Scheme (Radiotelephony Station Requirements only)	The Interim Scheme applies to all vessels: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of SOLAS radiotelephony station requirements.
STCW Interim Scheme	The Interim Scheme applies only to cargo vessels with regulatory measurement system tonnages less than 1600 gross tons: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of all STCW requirements for a cargo vessel in this size category.
MARPOL Interim Scheme	The Interim Scheme applies only to vessels with regulatory measurement system tonnages less than 400 gross tons: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of all MARPOL requirements for vessels in this size category.

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**TABLE 8 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Convention measurement system tonnages are used to document the vessel.
U.S. Laws	Convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that regulatory measurement system tonnages be used for this purpose. In this event, regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.
International Tonnage Certificate	An International Tonnage Certificate (1969) is required, and must be maintained on board the vessel when it is engaged on a foreign voyage.
International Conventions	Convention measurement system tonnages are used to apply International Conventions.
SOLAS Interim Scheme	Not applicable.

STCW Interim Scheme      Not applicable.

MARPOL Interim Scheme      Not applicable.

**TABLE 9                      (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Regulatory measurement system tonnages are used to document the vessel, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to document the vessel, and the vessel may subsequently be redocumented only using convention measurement system tonnages.
U.S. Laws	Regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.
International Tonnage Certificate	<p><b>Before 19 July 1994</b> An International Tonnage Certificate (1969) is not required.</p> <p><b>On and after 19 July 1994</b> An International Tonnage Certificate (1969) is required, and must be maintained on board the vessel when it is engaged on a foreign voyage.</p>
International Conventions	Regulatory measurement system tonnages are used to apply International Conventions, including MARPOL, unless the vessel owner requests that convention measurement system tonnage be used for this purpose. In this event, convention measurement system tonnage are used to apply International Conventions.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	Not applicable.

**TABLE 10                      (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
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Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Regulatory measurement system tonnages are used to document the vessel, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to document the vessel, and the vessel may subsequently be redocumented only using convention measurement system tonnages.
U.S. Laws	Regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that convention measurement system tonnages be used for this purpose. In this event, convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.
International Tonnage Certificate	An International Tonnage Certificate (1969) is required, and must be maintained on board the vessel when it is engaged on a foreign voyage.
International Conventions	Convention measurement system tonnages are used to apply International Conventions, including MARPOL, unless otherwise allowed by an Interim Scheme.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	The Interim Scheme applies only to vessels with regulatory measurement system tonnages less than 400 gross tons: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of all MARPOL requirements for vessels in this size category.

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**TABLE 11 (REFER TO PAGE 4 FOR VESSEL APPLICABILITY)**

<b>Item</b>	<b>Requirement</b>
Applicable Measurement Systems	Convention (Subpart B); Regulatory (Subpart C or D)
Documentation	Convention measurement system tonnages are used to document the vessel.
U.S. Laws	Convention measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305, unless the vessel owner requests that regulatory measurement system tonnages be used for this purpose. In this

event, regulatory measurement system tonnages are used to apply all U.S. laws listed under 46 U.S.C. 14305.

International Tonnage Certificate	An International Tonnage Certificate (1969) is required, and must be maintained on board the vessel when it is engaged on a foreign voyage.
International Conventions	Convention measurement system tonnages are used to apply International Conventions, including MARPOL, unless otherwise allowed by an Interim Scheme.
SOLAS Interim Scheme	Not applicable.
STCW Interim Scheme	Not applicable.
MARPOL Interim Scheme	The Interim Scheme applies only to vessels with regulatory measurement system tonnages less than 400 gross tons: at the request of the vessel owner, regulatory measurement system tonnages may be used in lieu of convention measurement system tonnages for the application of all MARPOL requirements for vessels in this size category.